NATURAL NEWS

The Field Museum
Exploring
The Earth And Its
People

May 19, 1995

LAKE SHORE DRIVE RELOCATION PROJECT

The planning to move Lake Shore Drive is proceeding rapidly. However, it is a work-in-progress and key decisions have not yet been made as to special timing of issues of great importance to the Museum. We are very concerned about these issues and we are participating in weekly discussions on relocation issues with the Shedd Aquarium, The Adler Planetarium and Teng, the engineering firm the city has hired to design and implement the new Drive.

One of the issues at the top of the list is staff and volunteer parking. Beginning this summer, the number of parking spaces in the north lot will be reduced by around thirty spaces due to the creation of a bus slip. Around December of this year, or January 1996, the entire north lot will be taken to be used as a construction staging area. At the end of construction there will be no north lot parking. That area will be turned into park land. The Adler, Shedd and Field are in the process of discussion and negotiation with the Park District as to the location and nature of staff and volunteer parking lost as a result of the reduction and elimination of the north lot. As soon as we know more, we will report on it in the *Natural News.*

LIGHTS, CAMERA, ACTION!

RPM Advertising will be filming two public service announcements at The Field Museum on May 31 and June 1, to announce the opening of Masters of the Night: The True Story of Bats. RPM is looking for ten diverse family groupings including moms, dads, aunts, uncles, grandparents and children between the ages of four and eleven. Staff members who are interested in participating should contact **Pat Kremer** in the Public Relations Department (x347). Sorry, no speaking parts are available.

TESTING ... TESTING

On Wednesday, May 24, 1995, the Engineering Division will conduct a test on the Museum fire pump and roof valves. From 6:00 a.m. to about 9:00 a.m. on that day, you will be hearing a series of audible alarms associated with these tests. We will reset these alarms as the test progresses. Questions? Call x222.

CENTER FOR CULTURAL UNDERSTANDING AND CHANGE

David S. Reese (Anthropology) has been appointed to serve on the "Future of Old World Archaeology in Higher Education Committee" of the Archaeological Institute of America from 1995 - 1998.

NEW RESPIRATOR PRACTICE

You will find in this week's *Natural News* a copy of the new Museum-wide Respirator Practice. This Practice takes effect immediately, although it may take a few weeks to get up to speed with all its provisions. If you work with a respirator and have never had a cardio-pulmonary exam, ask your supervisor to set one up. There is a list of supervisors for each area in the Practice. If you have any questions, please call **Richard Koontz** (x882).

We extend our deepest sympathies to **Paul Baker** (Institutional Advancement) on the death of his mother on Wednesday, May 17.

The *Natural News* is edited by **Carolyn Klyce** in the President's Office. The deadline for all submissions is Tuesday at noon. Printed on recycled paper.

NEW JOB OPENINGS

Below are the latest job opportunities in the Museum. For further information and previous job openings, please check the Career Opportunities listing published by the Personnel Department.

Education IV (Teacher Programs Coordinator) -- Education Department
Visitor Services Representative -- Visitor Services Department
Craftsman II or III -- Maintenance Department
MS Science I (Collection Intern) -- Zoology Division/Fishes Department
Accountant -- Accounting Department
Financial Analyst -- Budget Department
Archivist -- Administrative Services Department
Assistant Conservator -- Anthropology/Conservation Department

ARCHIVIST, ADIEU

MaryAnn Johnson, after a distinguished career of fifteen years at The Field Museum, is leaving us and moving on to greater challenges (if you can imagine anything more challenging than all that paper). Please join us in wishing MaryAnn well. There will be a reception for MaryAnn in Archives on Wednesday, May 31 at 9:00 a.m., for those who would like to stop by to send her off.

The Field Museum

RESPIRATORY PROTECTION PRACTICE
SUMMARY

I. Scope of Practice

The purpose of this practice is to protect Field Museum employees from all respiratory risks associated with their jobs. This practice should also be carried out with volunteers put at respiratory risk, and other non-employee personnel at the museum. It does not apply to outside contractors.

II. Determining Respiratory Risk

The primary way of determining respiratory risk is through the hazard communication program. Before working with any potentially hazardous material, the staff member should have had the Right to Know training provided by the museum. The staff member and his or her supervisor should review the MSDS sheet associated with the product(s) with which he or she is working.

III. Types of Respiratory Protection

There are two primary types of respiratory protection, a source ventilation (mechanical ventilation) and a respirator mask. That is, a kind you wear and a kind you don't wear. Examples of the ventilation type are the casting booth, the vacuum on woodworking machines, and fume hoods. Respirator masks include paper dust masks, cartridge respirators and air-supply respirators.

Determining the type of respirator that is appropriate is essential. <u>The wrong kind of respirator does not protect you.</u> In order to choose the right kind of respirator, you must be familiar with the substance you are working with. Supervisors are responsible for selecting the proper form of respirator for a staff member working under their supervision. The supervisor should be familiar with the specific chemical substance and its risks involved in the assigned job, and he or she should communicate this to the staff member. The MSDS provides information on acceptable exposure limits and the appropriate type of respirator.

IV. Supervision

Every work-area or lab must have one individual responsible for assuring that the respiratory protection measures outlined in

this practice are followed. The list of work areas and the persons responsible is as follows:

Conservation	Cap Sease
Audio-visual	Ron Hall
Botany	Chris Niezgoda
Production	Geoff Grove
Production	Kurt Oldenbrook
Education	Nancy Saulsbury
(Harris)	
Computing	Jim Koeppl
Biochem Lab	John Hall
Engineering	Bob Battaglia
	Tim Tryba
Geology	Bill Simpson
Housekeeping	Jim Simms
Maintenance	Ernst Pierre-Toussaint
Photography	John Weinstein
Printing	Ed Czerwin
Security	Mark Torbeck
Zoology	
Birds	Dave Willard
Reptiles	Alan Resetar
Fishes	Mary Ann Rogers
Insects	Daniel Summers
Inverts	John Slapcinsky
Mammals	William Stanley

V. Training.

Every staff member who engages in work with which there is a respiratory risk associated must be trained in the proper use of the respiratory protection appropriate for that job. Such training must include the material in the Supervisor's Training Manual and a test which assesses the comprehension of the essential factors of respiratory protection. A staff member who takes on additional or different responsibilities with different respiratory risks must be retrained in the types of respiratory protection appropriate to the new responsiblities.

VI. Cardio-pulmonary Requirement.

Before any staff member is allowed to wear ANY type of respirator mask, there must be a cardio-pulmonary test by our occupational medical service (MercyWorks). This test must be passed before a respirator may be used. Appointments will be set up through the Personnel Office. (x526). The cost of the test is paid by the Museum, and will not be passed on to the Staff member. Records of the cardio-pulmonary exam will be kept confidential. A copy of the results will be kept by the Safety Officer in the President's Office.

VII. Fit Test Requirement.

Once a staff member has passed a cardio-pulmonary exam successfully, a fit-test must be done before the staff member uses a respirator mask. The purpose of the fit test is to ensure that the mask fits securely and does not allow vapors, fumes, etc. to enter and be inhaled by the staff member. AN IMPROPERLY FITTING RESPIRATOR DOES NOT PROTECT THE STAFF MEMBER. This test will be performed by a qualified trainer. The current list of qualified trainers is:

Howard Bezin
Kurt Oldenbrook
Susan Phillips
Bill Simpson
Cap Sease
Ernst Pierre-Toussaint
Marcia Pyle

A record of the fit test will be kept on the museum's form and a copy will be kept in the department where the tested individual works and in the Safety Coordinator's office.

VIII. Shaving Requirement.

In order to assure that the respirator fits properly, all staff members required to wear a respirator must be clean shaven. Moustaches that do not extend below the lower lip and do not interfere with the respirator fit may be worn. Any staff member required to wear a respirator as part of his job must, except for the moustache described above, remain clean shaven at all times. No staff member who is not clean shaven may wear a respirator, and hence cannot do any job that requires a respirator. Clean shaven means that a staff member has no beard and has shaved within the last 24 hours.

CENTER FOR EVOLUTIONARY AND ENVIRONMENTAL BIOLOGY

BRUCE PATTERSON NOMINATED FOR OFFICE

A nominating committee of the Society for Study of Mammalian Evolution has asked **Bruce Patterson** (Zoology, Mammals) to stand for election as President of that organization. The international society exists to facilitate communication among researchers in the multiple fields that contribute to our understanding of mammalian evolutionary biology. It publishes *Journal of Mammalian Evolution*, "a multidisciplinary journal devoted to studies on the comparative morphology, molecular biology, paleobiology, genetics, developmental and reproductive biology, biogeography, systematics, ethology and ecology, and population dynamics of mammals and the ways that these diverse data can be analyzed for the reconstruction of mammalian evolution." Whew!

STEVE GOODMAN APPOINTED RESEARCH ASSOCIATE

Steve Goodman (Zoology, Mammals) has been appointed a Research Associate in the Department of Mammalogy at the American Museum of Natural History, New York. Congratulations!

DOREEN COVEY'S DEER DISSERTATION DRAWS DISTINCTION

University of Illinois-Chicago student **Doreen Covey** (Geology, Zoology) has been awarded the UIC University Fellowship for 1995-96. These highly competitive fellowships are awarded to outstanding students who demonstrate academic promise and scholarly achievement. Doreen was one of only three recipients from the more than 100 graduate students in the UIC Biology Department. Doreen's doctoral research focuses on the phylogeny and locomotion of odocoileines (deer), and involves study of odocoileine specimens in the Field Museum mammal and fossil mammal collections, as well as the analysis of locomotion in living deer via videotape. Doreen's dissertation committee features many familiar Field Museum faces, including advisor **John Flynn** (Geology), **Bruce Patterson** (Zoology, Mammals), **Barry Chernoff** (Zoology, Fishes), and **David Bardack** (UIC Professor and Research Associate, Geology). Bravo, Doreen!

NOON BALLOON

The Noon Balloon for May 16 was given by Professor Barry Richardson, Chair, School of Science at the University of Western Sydney, Hawsbury Sydney, Australia. Barry discussed a new approach to testing phylogenetic hypotheses using an Hennigian approach to DNA sequence data. He questioned the tenet that maximum parsimony as applied in some popular computer programs actually fulfills the criterion of Ockhams's razor that entities shall not be postulated without necessity. Rather he presented an alternate approach to determine relationships based on the application of Hennigian logic. The robustness of the approach was discussed and the utility of the software package SYNAPO was presented. The program is available via FTP from the gopher at the University of Western Sydney.

SECURITY TIPS

The *Natural News* of April 12 made reference to the Chicago Police Department's increased surveillance in the area around the foot bridges leading to the Metra Station and Michigan Ave. Additionally, the Metra Police have been contacted and asked to pay greater attention to the entrance to their station on the foot bridge, especially during the morning and evening rush hours.

However, each of us needs to ***STAY ALERT AND BE PREPARED*** *to not only respond to, but more importantly, avoid potentially hazardous situations.* The following security tips are made with those exact thoughts in mind.

- Upon arrival at the station entrance, be prepared to insert your money immediately into the machine. Don't stand at the entrance searching your purse/wallet for the appropriate cash.
- Your purse should be carried close to your body with the clasp turned in.
- Wallets should be carried in your front pocket.
- If a suspicious person(s) either approaches or is lingering in the area, leave the area immediately.
- Do not allow yourself to be baited into a conversation with a suspicious person. Remember, many of the thefts that occur normally involve at least two culprits: one to distract and divert your attention and the second to steal the targeted item. *SO STAY ALERT AND BE PREPARED!*

IMPORTANT PHONE NUMBERS

Metra Police dial: 322-2800 for both emergency and non-emergency calls
Chicago Police dial: 911 for emergency calls and 746-6000 for non-emergency calls
Museum Security dial: 333 for emergency call and 322 for non-emergency calls

Again, if any staff experience a problem at the bridges or in the surrounding museum campus area either coming to or from the Museum, please report it as soon as possible to Security (x322). With your continued support, safety and security issues will be properly identified and addressed.

WELCOME! New Employees, April 1995

George Adu-Gyamfi	Housekeeping	x371
Michelle Cox	Visitor Services	x235
Jose S. Galvan	Housekeeping	x371
Barbara A. Harney	Academic Affairs/CEEB	x877
Patricia Kremer	Public Relations	x347